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Abbott et al.

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(54) **OVERHANGING TINES FOR ORIENTING
BAST STALKS**

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See application file for complete search history.

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Related U.S. Application Data

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(51) **Int. Cl.**

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(57)

ABSTRACT

An apparatus for harvesting bast stalks includes a cutting device and a first moving belt. The cutting device is configured to receive bast stalks includes at least one cutter at a front end of the apparatus, where the cutter is configured to cut bast stalks from bast plants. The first moving belt has a first end for receiving the cut bast stalks from the cutter, a second end, and a top surface configured to move the cut bast stalks between the first end and the second end. The apparatus includes a plurality of spaced tines extending toward the top surface of the first belt to orient a substantial majority of the bast stalks generally parallel to each other and generally along the direction the first moving belt is configured to move.

(52) **U.S. Cl.**

CPC **A01D 41/12** (2013.01); **A01D 41/06**
(2013.01); **A01D 43/006** (2013.01); **A01D**
45/065 (2013.01); **A01D 61/02** (2013.01);
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(58) **Field of Classification Search**

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9 Claims, 5 Drawing Sheets

